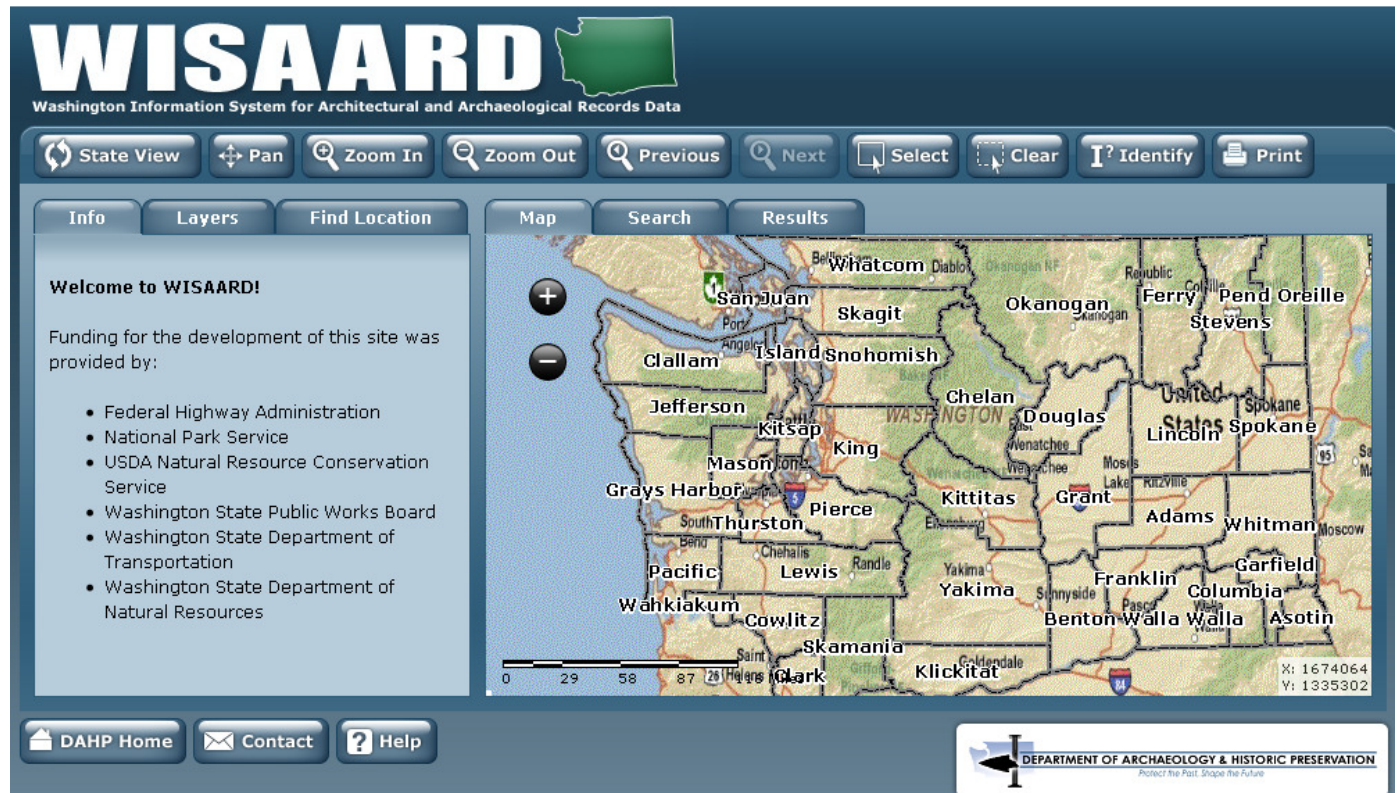


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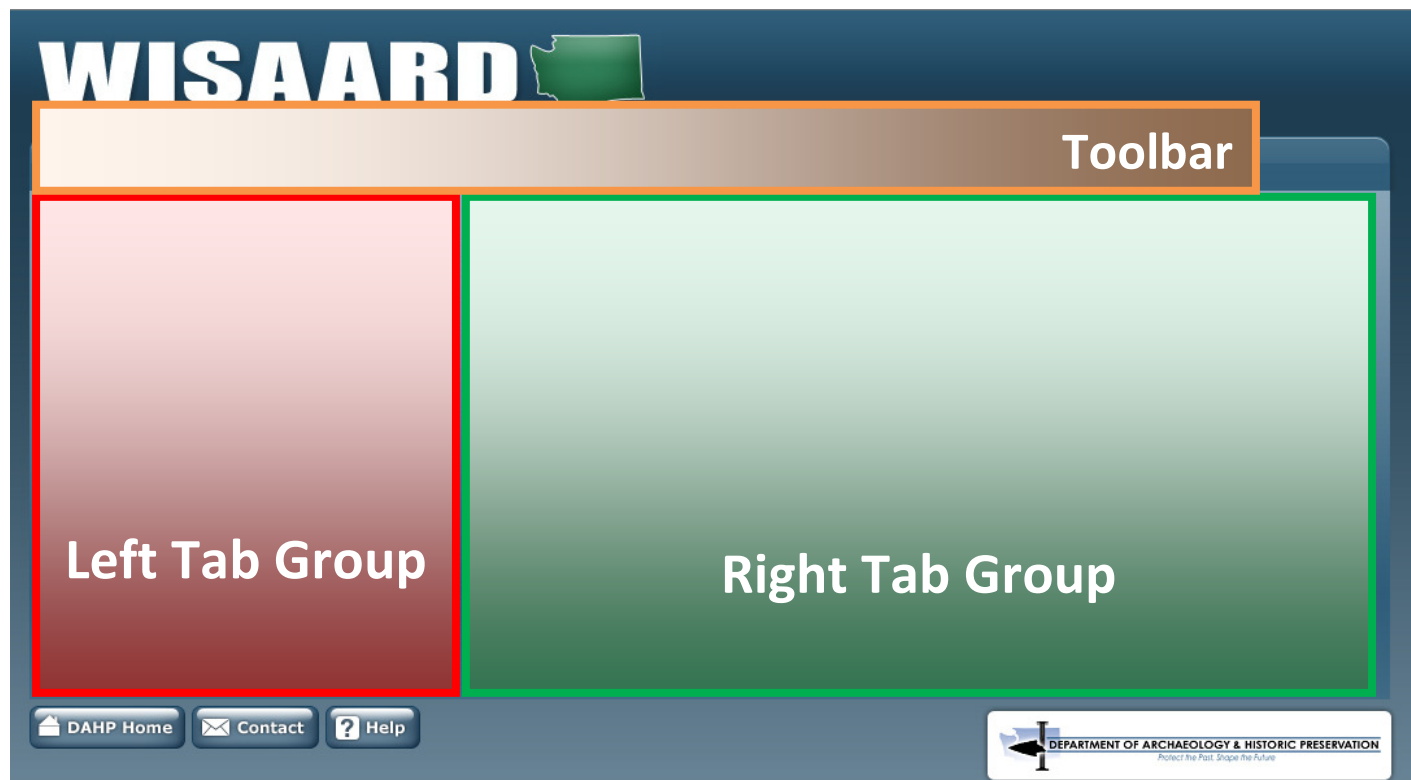
WISAARD Web Portal Overview

This web portal is designed to provide users with the ability to search and view data. The layout of this graphical user interface is depicted below.



Key areas of the web portal are:

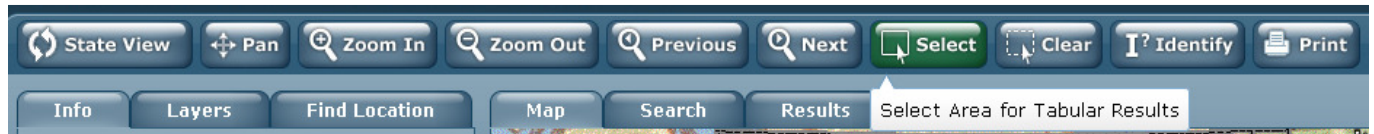
- Toolbar
- Left Tab Group
- Right Tab Group










These areas are outlined in the sections that follow.




Toolbar

The **Toolbar** provides access to commonly used GIS functions. The active tool is indicated by color highlighting of the tool.



Additional information pertaining to the Toolbar is provided in the chart below

	This button, when pressed, will zoom the user back to the full extent of the map, placing the whole state in view.
	This button is used to move and re-center the map. Two options are for use are available to the user: <ol style="list-style-type: none">1) A single left click of the mouse button will re-center the map based on the location of the cursor click point.2) The user may drag the map display by using the mouse to left click and drag the map to a new location. Upon release of the mouse button, the map will be refreshed to the new extent.
	This button may be used to zoom in on the map. The desired map extent may be achieved by left clicking and dragging with the mouse to create a box highlighting the area of interest. The map will re-draw, windowed to the selection extent.
	This button may be used to zoom out on the map. The desired map extent may be achieved by left clicking and dragging with the mouse to create a box highlighting the area of interest. The map will re-draw, windowed to the selection extent.
	Selection of this button will allow the user to go back to the previous extent viewed. The user may continue to perform this action to review multiple consecutive previous extents.
	Assuming the user has performed the action of viewing the previous extent(s), this tool is used to go forward in the history of viewed map extents. The user may continue to perform this action to review multiple consecutive more recent extents.
	Users may select points of interest layers by using the select feature button. Two options are available for the user: <ol style="list-style-type: none">1) A point and selection of a feature(s) may be performed using the mouse.2) The user may click and drag using the mouse to create a box which encompasses the selection set. Even those features




	that are partially in the box will be included in the selection set.
	Selection of this button will clear the selected features and tabular data in the Results Tab.
	Selection of this button will allow the user to click on points of interest to display information associated with them.
	Using the Print button of the Toolbar will open up a Print Setup page that allows a user to export the map and results to PDF.

Left Tab Group

The **Left Tab Group**, located on the left pane of the web portal, provide users with areas to select map layers and enter detailed selection criteria for map views.

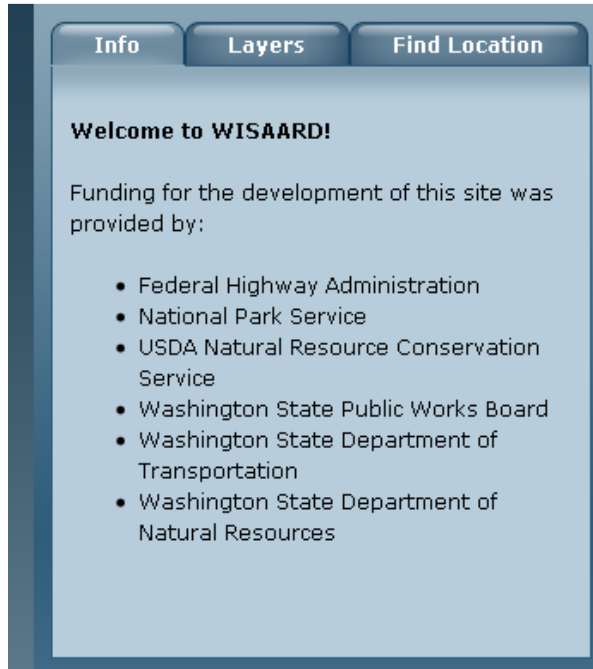


Additional information pertaining to the Left Tab Group is provided in the chart below.

	The Info tab provides users with general information regarding the portal.
	The Layers tab provides users with the map layers list. The Layers tab organizes the map layers into thematic groups that may be expanded/collapsed.
	The Find Location tab provides users with the ability to zoom to a specific portion of the map. Users can choose location based on Counties, Quadrangle Name, and Township/Range/Section.

Info Tab

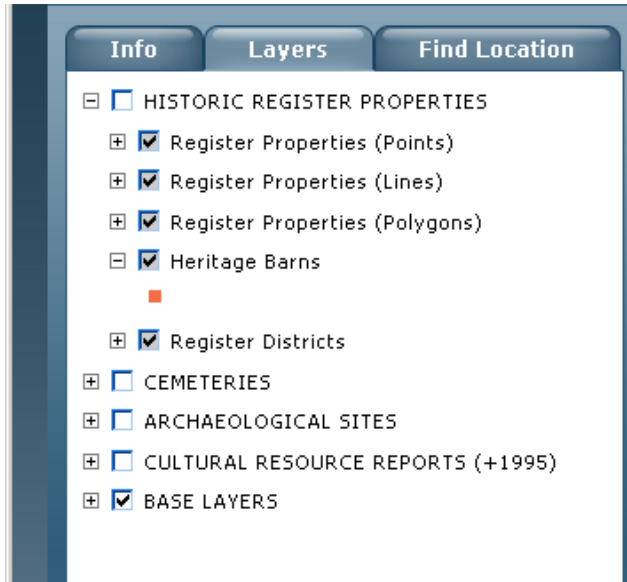
The **Info** tab contains general information about the portal.



Layers Tab

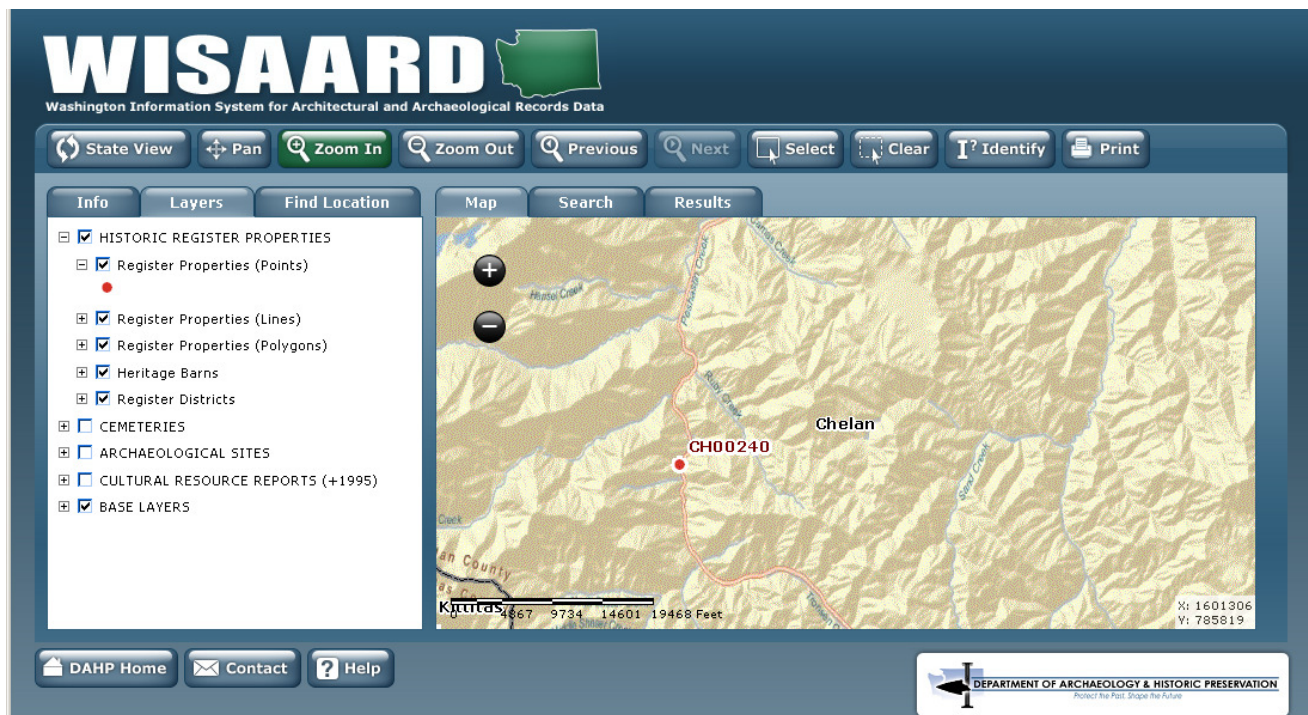
The **Layers** tab allows you to select what features you would like to see displayed on the map. Layers are organized into thematic groups that can expand and collapse. Beside each layer and

layer group is a checkbox. If the checkbox is checked, the layer or group will be turned on and displayed on the map. If the checkbox is grayed-out, the layer is not visible at the current map scale. Under each layer is an example of the layer's symbology – how the layer will look on the map.



Turning layers on and off

- 1) From the **Left Tab Group** area, select the **Layers Tab**
- 2) To display the information associated with a layer on the map, check the box associated with layer. The information points look like this:



Find Location Tab

The **Find Location** tab provides a simple interface for navigating to specific areas of interest. The portal will automatically find the feature you search for and zoom to that feature. This functionality is available by county, quadrangle, and township/range/section.

Searching by County

- 1) On the **Find Locations** tab, left-click on the **County** bar.
- 2) Select a county to zoom in on by either:
 - a. Typing its name in the text box
 - b. Push the down arrow at the right end of the text box and selecting the county from the drop-down list.
- 3) Left-click **Go to Location**.

Info Layers Find Location

County

County

Adams

Go to Location Clear

Quadrangle Name

Township/Range/Section

Searching by Quadrangle Name

- 1) On the **Find Locations** tab, left-click on the **Quadrangle Name** bar.
- 2) Select a quadrangle to zoom in on by either:
 - a. Typing its name in the text box.
 - b. Push the down arrow at the right end of the text box and selecting the quadrangle from the drop-down list.
- 3) Left-click **Go to Location**.

Info Layers Find Location

County

Quadrangle Name

Quadrangle Name

ABERNATHY MTN

Go to Location Clear

Township/Range/Section

Searching by Township/Range/Section

- 1) On the **Find Locations** tab, left-click on the **Township/Range/Section** bar.
- 2) Select an area to zoom in on by either:
 - a. Filling it its information in the text boxes.
 - b. Push the down arrow at the right end of the text boxes and selecting the correct information from the drop-down list.
- 3) Left-click **Go to Location**.



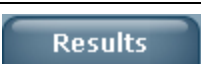
The screenshot shows a web interface for finding locations. At the top are three tabs: 'Info', 'Layers', and 'Find Location'. The 'Find Location' tab is active. Below the tabs are four input fields: 'County', 'Quadrangle Name', 'Township/Range/Section' (highlighted in orange), and 'Township'. Below these are three more dropdown menus: 'Range', 'East/West', and 'Section'. At the bottom are two buttons: 'Go to Location' and 'Clear'.

Right Tab Group

The **Right Tab Group**, located in the center of the web portal display area, provides users with access to GIS (geographic information system) data, search options, and search results.

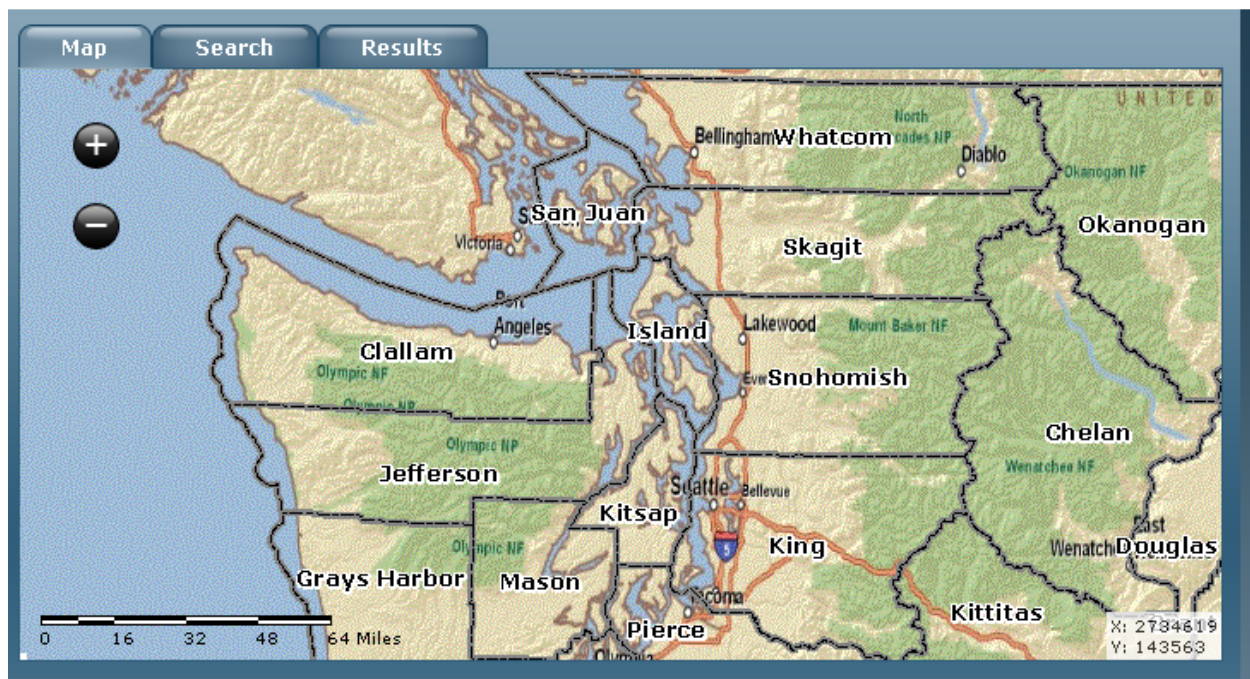


Additional information pertaining to Right Tab Group is provided in the chart below.

	The Map tab provides the display of geographic information data.
	The Search tab gives the user the ability to search for data by filling in search fields.
	The Results tab provides a view of tabular data resulting from a search.

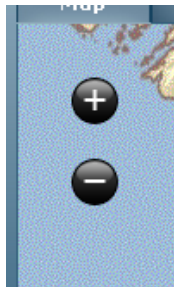
Map Tab

The **Map** tab shows the current map with any visible layers chosen by the user.





Zoom Controls

The **Zoom Controls**, located in the top left of the GIS display, provide users with the ability to adjust the map's scale.

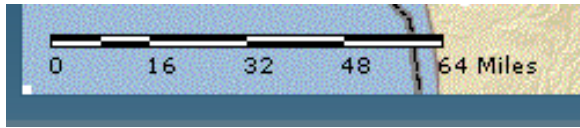


The Zoom Controls provide users with two options:

	The Zoom In button allows the user to increase the magnification of the map.
	The Zoom Out button allows the user to decrease the magnification of the map.

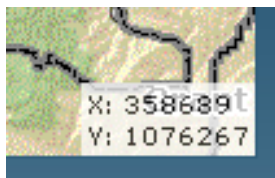
Scalebar

The **Scalebar**, located at the bottom left of the map, gives the user an approximation of distance on the map. Units for the scalebar are miles and feet, depending on the map's scale.



Coordinates

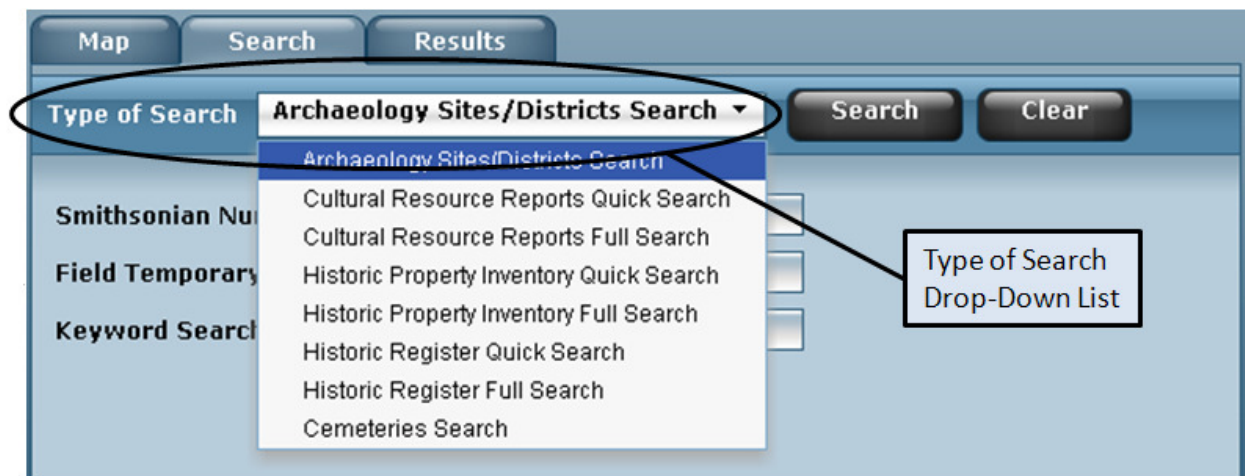
The bottom right of the map contains the **Coordinates** display. The coordinates give an approximate location of the mouse pointer. The coordinate system is NAD83 State Plane Washington South HARN Feet.



Search Tab

Searching using the Search tab can be done in several methods depending on what type of information the user is looking for.

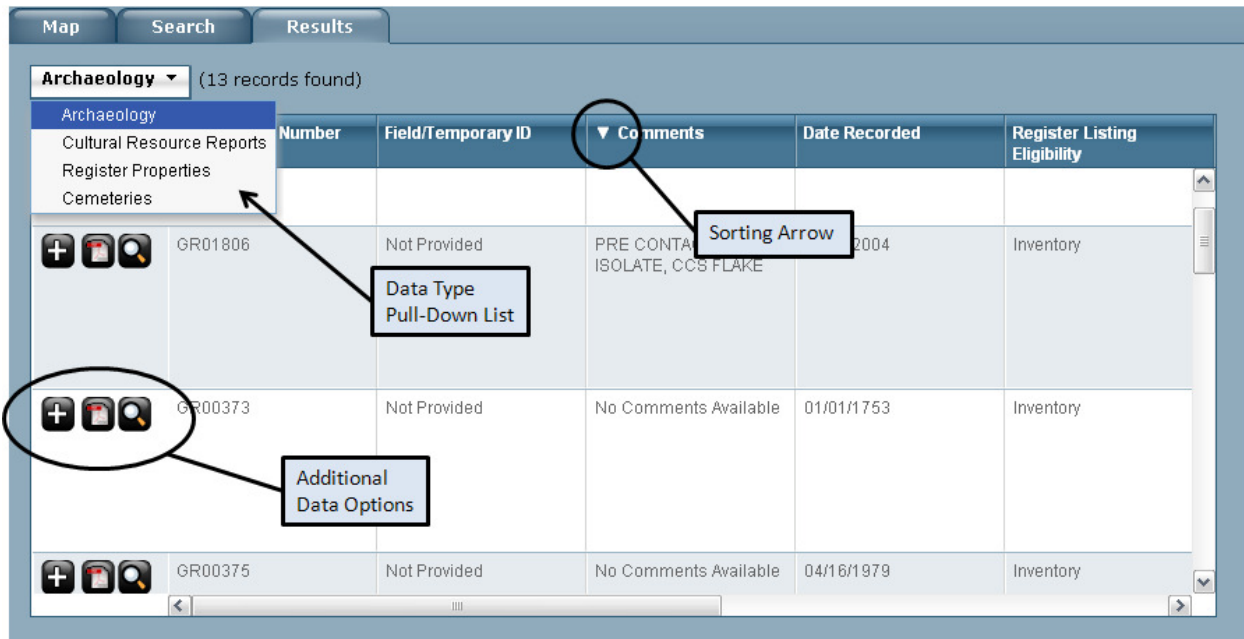
Choosing a Search



Results Tab

The **Results** tab on the **Right Tab Group** provides a display of records returned as the result of performing a search or using the **Select** tool associated with the map.

There are several ways the user can interact with the data in the **Results** tab, including filtering by data type, sorting by columns, and accessing additional data options.



Filtering by Data Type

To filter the information by data type, the user can click the Data Type Pull-Down List at the top left of the tabbed pane. This will display a list of categories available to the user, such as Archeology or Cemeteries.

Sorting by Columns

To sort the records by column value, the user can left-click on the column header. This will display a sorting arrow which will indicate the direction the records are currently being sorted. To reverse the directions, the user can left-click on the same column header again.



Accessing Additional Data Options




On the left side of each record, additional buttons are available for interacting with the data.

Note: Not all options are available for each layer.



Additional information pertaining to additional buttons is provided in the chart below.

	When clicked, View Details displays additional information in the record that was not initially visible.
	This button, View Document displays a PDF file with the form to which the record refers.

	Zoom To switches the view to the Map tab and displays the point of interest related to the data in the record.
	View Photos displays any photographs contained in the record.
	View Report displays the report to which the record refers.

Results Displayed on Map

When a search or selection is performed, associated features are highlighted on the map. The features are cyan in color and give the user the geographic representation of the result set.

